

A new *Limnebius* and a new *Hydraena* for Turkey (Coleoptera: Hydraenidae)

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Abstract. *Limnebius rishwani* sp. n. and *Hydraena lodewyckxi* sp. n. (Coleoptera: Hydraenidae) are described from Turkey.

Samenvatting. Een nieuwe *Limnebius* en een nieuwe *Hydraena* soort uit Turkije (Coleoptera: Hydraenidae)

Uit Turkije worden beschreven: *Limnebius rishwani* sp. n. en *Hydraena lodewyckxi* sp. n.

Résumé. Une nouvelle espèce de *Limnebius* et une nouvelle espèce de *Hydraena* (Coleoptera: Hydraenidae)

Limnebius rishwani sp. n. et *Hydraena lodewyckxi* sp. n. sont décrites de Turquie.

Key words: Coleoptera – Hydraenidae – Turkey – new species.

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Introduction

Marc Lodewyckx from Belgium sent me some Hydraenidae samples for identification. One new *Limnebius* and one new *Hydraena* species were found among these samples. They will be presented below. The holotype of both new species will be deposited in the Institute of Systematics and Population Ecology, Amsterdam, The Netherlands.

Limnebius rishwani sp. n.

Holotype ♂. Turkey, Erzincan, 22–23.07.1986, M. Lodewyckx leg.; paratypes: 1♂ and 11♀, same data as holotype.

Male. Elongately oval. length 2.8 mm, width 1.4 mm, widest at anterior third of elytra. Covered with fine setae. Head black, with fine punctures on disc, surface between punctures smooth and shiny. Clypeus black, with fine punctures. Pronotum brown, middle black, widest on posterior third, on disc with fine punctures, depressions absent, lateral side smooth. Elytra brown, widest at anterior third, with fine punctures, surface between punctures smooth and shiny, lateral side smooth, apex wide and rounded. Legs brown, metatibia straight with long setae.

Male genitalia: Anterior side of main piece with 4 short setae, paramera with long setae on apical side (fig. 1).

Etymology: this species is named after my son Rishwan Makhan.

Differential diagnosis: This species seems to be allied to *Limnebius claviger* Jäch, 1993 from Turkey, but there is a difference in the shape of male genitalia. Main piece with 4 setae in *Limnebius rishwani* sp. n., without setae in *Limnebius claviger* (cf. Jäch 1993).

Hydraena lodewyckxi sp. n.

Type: Holotype male. Turkey, Erzincan, 22–23.07.1986, M. Lodewyckx leg. (only the holotype).

Male. Elongate, length 6.3 mm, width 3.1 mm, widest at posterior third of elytra. Covered with fine setae. Head with fine punctures on disc, surface between punctures smooth and shiny. Clypeus brown with fine punctures. Pronotum brown, widest at the middle, with 8 large deep suboval depressions on disc, 4 of them situated in the middle, 2 of them situated in each lateral side, with moderately coarse punctures, lateral side crenatous. Elytra brown, with coarse punctures, between the punctures smooth and shiny,

lateral side smooth, apex wide and rounded. Legs yellow-brown, hind tibia straight with long setae.



Figure 1. Male genitalia of *Limnebius rishwani* sp. n. (reference bar 0.25 mm).

Male genitalia: Main piece birdhead-shaped with 2 short setae on apical side, paramera with long setae (fig. 2).

Etymology: This species is named after Marc Lodewyckx from Belgium.

Differential diagnosis: This species seems to be allied to *Hydraena schoedli* Jäch, 1992 from Turkey, but there is a difference in the shape of male genitalia. Paramera

longer than main piece in *Hydraena schoedli*, main piece longer than paramera in *Hydraena lodewyckxi* **sp. n.** (cf. Jäch 1992, 1997).



Figure 2. Male genitalia of *Hydraena lodewyckxi* **sp. n.** (reference bar 0.25 mm).

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